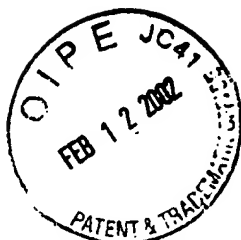


UC069.001A



COPY OF PAPERS
ORIGINALLY FILED

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

TECH CENTER 1600/2900

FEB 19 2002

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Applicant : Sharp et al.

Appl. No. : 09/782,816

Filed : February 14, 2001

For : PEPTIDE INHIBITORS OF
CELLULAR PROLIFERATION

Examiner : Unknown

) Group Art Unit 1646

) I hereby certify that this correspondence and all
) marked attachments are being deposited with the
) United States Postal Service as first-class mail in
) an envelope addressed to: Commissioner for
) Patents, Washington, D.C. 20231, on

January 10, 2002

(Date)

Ginger R. Dreger, Reg. No. 33,055

SEQUENCE SUBMISSION STATEMENT

Commissioner for Patents
Washington, D.C. 20231

Dear Sir:

This is in response to the Notice to Comply with Requirements for Patent Applications Containing Nucleotide Sequence and/or Amino Acid Sequence Disclosures, mailed November 27, 2001. I hereby state that the information recorded in the currently submitted computer readable form of Sequence Listing is identical to the written Sequence Listing submitted herewith as required in 37 CFR § 1.821(f) and (g). I further state that these submissions include no new matter.

Respectfully submitted,

KNOBBE, MARTENS, OLSON & BEAR, LLP

Dated: January 10, 2002

By: Ginger R. Dreger

Ginger R. Dreger

Registration No. 33,055

Attorney of Record

620 Newport Center Drive

Sixteenth Floor

Newport Beach, CA 92660

(415) 954-4114



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WASHINGTON, D.C. 20231
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APPLICATION NUMBER	FILING/RECEIPT DATE	FIRST NAMED APPLICANT	ATTORNEY DOCKET NUMBER
09/782,816	02/14/2001	David J. Sharp	UC069.001A

20995
KNOBBE MARTENS OLSON & BEAR LLP
620 NEWPORT CENTER DRIVE
SIXTEENTH FLOOR
NEWPORT BEACH, CA 92660

CONFIRMATION NO. 1726

FORMALITIES LETTER



OC00000007120840

Date Mailed: 11/27/2001

NOTICE TO COMPLY WITH REQUIREMENTS FOR PATENT APPLICATIONS CONTAINING NUCLEOTIDE SEQUENCE AND/OR AMINO ACID SEQUENCE DISCLOSURES

Applicant is given **TWO MONTHS FROM THE DATE OF THIS NOTICE** within which to file the items indicated below to avoid abandonment. Extensions of time may be obtained under the provisions of 37 CFR 1.136(a).

- A copy of the "Sequence Listing" in computer readable form has been submitted. However, the content of the computer readable form does not comply with the requirements of 37 C.F.R. 1.822 and/or 1.823, as indicated on the attached copy of the marked -up "Raw Sequence Listing." Applicant must provide a substitute computer readable form (CRF) copy of the "Sequence Listing" and a statement that the content of the sequence listing information recorded in computer readable form is identical to the written (on paper or compact disc) sequence listing and, where applicable, includes no new matter, as required by 37 CFR 1.821(e), 1.821(f), 1.821(g), 1.825(b), or 1.825(d).

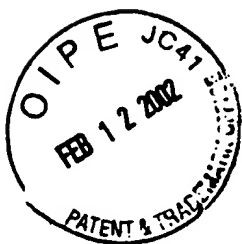
For questions regarding compliance to these requirements, please contact:

- For Rules Interpretation, call (703) 308-4216
- To Purchase PatentIn Software, call (703) 306-2600
- For PatentIn Software Program Help, call (703) 306-4119 or e-mail at patin21help@uspto.gov or patin3help@uspto.gov

*A copy of this notice **MUST** be returned with the reply.*

Customer Service Center
Initial Patent Examination Division (703) 308-1202

PART 2 - COPY TO BE RETURNED WITH RESPONSE



OIPE

RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/782,816

DATE: 06/19/2001

TIME: 12:05:17

Input Set : A:\PTO.txt

Output Set: N:\CRF3\06192001\I782816.raw

Does Not Comply
Corrected Diskette Needed

4 <110> APPLICANT: Sharp, David J.
5 Rogers, Gregory C.
6 Scholey, Jonathon M.
8 <120> TITLE OF INVENTION: PEPTIDE INHIBITORS OF CELLULAR
9 PROLIFERATION
11 <130> FILE REFERENCE: UC069.001A
13 <140> CURRENT APPLICATION NUMBER: 09/782,816
C--> 14 <141> CURRENT FILING DATE: 2001-06-04
16 <160> NUMBER OF SEQ ID NOS: 56
18 <170> SOFTWARE: FastSEQ for Windows Version 4.0

ERRORED SEQUENCES

898 <210> SEQ ID NO: 56
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900 <212> TYPE: PRT
901 <213> ORGANISM: Drosophila melanogaster
903 <400> SEQUENCE: 56
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906 Pro Asp Val Tyr Glu Thr Pro Asp Asp Pro Glu Leu Asp Thr Ser Asp
907 20 25 30
908 Tyr Tyr Glu Glu Glu Pro Glu Asn Glu Ala Ile Glu Arg Leu His Ile
909 35 40 45
910 Ser Pro Ser Val Ala His Lys Arg Phe Ser Gly Ala Thr Val Glu Gly
911 50 55 60
912 Ser Val Asp Phe Thr Asp Arg Ile Gly Arg Arg Met Cys Arg Gly Tyr
913 65 70 75 80
914 Asp Thr Arg Gly Ser Ser Asp Tyr Glu Leu Val Gly Gln Gly Glu Lys
915 85 90 95
916 Glu Thr Pro Val Gln Lys Cys Gln Arg Leu Gln Ile Glu Met Asn Glu
917 100 105 110
918 Leu Leu Asn Glu Val Ala Ala Leu Gln Val Asp Arg Lys Val Ala Asp
919 115 120 125
920 Glu Glu Lys Gln Ser Tyr Asp Ala Val Ala Thr Val Ile Ser Thr Ala
921 130 135 140
922 Arg Lys Val Leu Glu Ser Leu Lys Leu Glu Gln Val Leu Gly Lys Glu
923 145 150 155 160
924 Gln Thr Pro Gly Ser Lys Gln Val Lys Ala Leu Ile Ser Gln Val Glu
925 165 170 175
926 Glu Phe Lys Gln Ser Gly Val Leu Thr Ala Ile Pro Thr Pro Gly Thr
927 180 185 190
928 Asp Leu Ala Ala Thr Ala Arg Val Ala Ser Leu Glu Gln Arg Ile Ser
929 195 200 205
930 Gln Leu Glu Lys Val Leu Gly Ala Gln Pro Asp Lys Leu Ser Arg Leu
931 210 215 220

*see
next page*

RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/782,816

DATE: 06/19/2001

TIME: 12:05:17

Input Set : A:\PTO.txt

Output Set: N:\CRF3\06192001\I782816.raw

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935                245                250                255
936 Gln Arg Leu Thr Ser Leu Ala Gly Lys Met Asp Ala Ile Ala Glu Lys
937                260                265                270
938 Ser Ser Gly Ser Ala Gln Asp Ala Lys Arg Asp Gln Lys Ile Thr Glu
939                275                280                285
940 Leu Tyr Asp Ile Ala Lys Arg Thr Glu Pro Val Val Glu Ile Leu Pro
941                290                295                300
942 His Val Ile Glu Arg Met Gln Ala Leu Glu Ala Leu His Lys Tyr Ala
943 305                310                315                320
944 Asn Asn Phe Ala Lys Ile Ile Ala Glu Ile Glu Gln Lys Gln Gly Thr
945                325                330                335
946 Ile Thr Thr Ser Leu Val Asn Asn Lys Glu Leu Leu His Ser Val Gln
947                340                345                350
948 Glu Thr Phe Ala Gln Asn Leu Glu Thr Ile Asn Ser Lys Val Ala Lys
949                355                360                365
950 Val Glu Gln Arg Val Ala Ala Ile Ser Ser Ala Lys
951                370                375                380

```

E--> 953 W:\DOCS\BGY\SEQUENCE LISTING\UC Sequences\UC069.001A.doc

E--> 954 051801

E--> 955 1

E--> 957 1

delete at end of file

see following pages for more error

3

RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/782,816

DATE: 07/06/2001

TIME: 18:28:09

Input Set : A:\Pto.amc

Output Set: N:\CRF3\07062001\I782816.raw

4 <110> APPLICANT: Sharp, David J.
5 Rogers, Gregory C.
6 Scholey, Jonathon M.
8 <120> TITLE OF INVENTION: PEPTIDE INHIBITORS OF CELLULAR
9 PROLIFERATION
11 <130> FILE REFERENCE: UC069.001A
13 <140> CURRENT APPLICATION NUMBER: 09/782,816
14 <141> CURRENT FILING DATE: 2001-02-14
16 <160> NUMBER OF SEQ ID NOS: 56
18 <170> SOFTWARE: FastSEQ for Windows Version 4.0
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22 <212> TYPE: PRT
23 <213> ORGANISM: Unknown
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27 <222> LOCATION: 22
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30 <223> OTHER INFORMATION: Peptide sequence
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36 20
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50 Gln Ser Tyr Asp Ala Val
51 20
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56 <212> TYPE: PRT
57 <213> ORGANISM: Unknown
59 <220> FEATURE:
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65 1 5 10 15
66 Val Gln Glu Leu Thr Thr
67 20
70 <210> SEQ ID NO: 4

*insufficient exploration - give
source of
genetic
material
(see item 11
on Enva
summary
sheet)*

4

RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/782,816

DATE: 07/06/2001

TIME: 18:28:09

Input Set : A:\Pto.amc

Output Set: N:\CRF3\07062001\I782816.raw

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73 <213> ORGANISM: Unknown
75 <220> FEATURE:
76 <223> OTHER INFORMATION: Peptide sequence
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87 <212> TYPE: PRT
88 <213> ORGANISM: Unknown
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91 <223> OTHER INFORMATION: Peptide sequence
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101 <211> LENGTH: 19
102 <212> TYPE: PRT
103 <213> ORGANISM: Unknown
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106 <223> OTHER INFORMATION: Peptide sequence
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110 1 5 10 15
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115 <210> SEQ ID NO: 7
116 <211> LENGTH: 18
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125 1 5 10 15
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132 <212> TYPE: PRT
133 <213> ORGANISM: Unknown
135 <220> FEATURE:
136 <223> OTHER INFORMATION: Peptide sequence
138 <400> SEQUENCE: 8
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RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/782,816

DATE: 07/06/2001

TIME: 18:28:09

Input Set : A:\Pto.amc

Output Set: N:\CRF3\07062001\I782816.raw

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161 <213> ORGANISM: Unknown
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172 <211> LENGTH: 14
173 <212> TYPE: PRT
174 <213> ORGANISM: Unknown
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187 <212> TYPE: PRT
188 <213> ORGANISM: Unknown
190 <220> FEATURE:
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201 <212> TYPE: PRT
202 <213> ORGANISM: Unknown
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209 1 5 10
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213 <211> LENGTH: 11

RAW SEQUENCE LISTING
PATENT APPLICATION: US/09/782,816

DATE: 07/06/2001
TIME: 18:28:09

Input Set : A:\Pto.amc
Output Set: N:\CRF3\07062001\I782816.raw

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227 <212> TYPE: PRT
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240 <212> TYPE: PRT
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246 <400> SEQUENCE: 16
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251 <210> SEQ ID NO: 17
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253 <212> TYPE: PRT
254 <213> ORGANISM: Unknown
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264 <210> SEQ ID NO: 18
265 <211> LENGTH: 7
266 <212> TYPE: PRT
267 <213> ORGANISM: Unknown
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278 <211> LENGTH: 6
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280 <213> ORGANISM: Unknown
282 <220> FEATURE:
283 <223> OTHER INFORMATION: Peptide sequence

RAW SEQUENCE LISTING
PATENT APPLICATION: US/09/782,816

DATE: 07/06/2001
TIME: 18:28:09

Input Set : A:\Pto.amc
Output Set: N:\CRF3\07062001\I782816.raw

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306 <212> TYPE: PRT
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311 <223> OTHER INFORMATION: Peptide sequence
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320 <212> TYPE: PRT
321 <213> ORGANISM: Unknown
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325 <223> OTHER INFORMATION: Peptide sequence
327 <400> SEQUENCE: 22
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333 <211> LENGTH: 6
334 <212> TYPE: PRT
335 <213> ORGANISM: Unknown
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339 <223> OTHER INFORMATION: Peptide sequence
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342 Ala Lys Gln Leu Ala Ala
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348 <212> TYPE: PRT
349 <213> ORGANISM: Unknown
351 <220> FEATURE:
353 <223> OTHER INFORMATION: Peptide sequence
355 <400> SEQUENCE: 24
356 Ala Lys Gln Leu Ala
357 1 5
360 <210> SEQ ID NO: 25

The types of errors shown exist throughout the Sequence Listing. Please check subsequent sequences for similar errors.

Please Note:

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

file

FYI

7/6/01

VERIFICATION SUMMARY

PATENT APPLICATION: US/09/782,816

DATE: 07/06/2001

TIME: 18:28:10

Input Set : A:\Pto.amc

Output Set: N:\CRF3\07062001\I782816.raw

L:35 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:1

L:753 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:51